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## PATENT ABSTRACTS OF JAPAN

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### (54) ARTIFICIAL INTERVERTEBRAL JOINT

#### (57) Abstract:

**PROBLEM TO BE SOLVED:** To provide an artificial intervertebral joint for moving the spine without applying unreasonable stress, braking the movement at the time of unreasonably bending, stretching or twisting of the body, preventing an intervertebral joint and an intervertebral disk from being damaged and rebuilding the function of the intervertebral joint.

**SOLUTION:** This artificial intervertebral joint 1 is composed of a cylindrical part 2 and a piston-like part 3 freely movably fitted to it. The piston-like part 3 is fitted inside the cylindrical part 2 so as to be turned even in a direction orthogonal to a moving direction inside the cylindrical part 2 to an angle equal to the turning angle of the spine of a healthy person. Screws F and F' are installed to the respective two vertebral A and B verti-

cally adjacent and holding a fault intervertebral disk C therebetween and the artificial intervertebral joint 1 is attached between the vertebral A and B.

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